

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10775883
Filing Date		2004-02-04
First Named Inventor	Robert Eugene HORMANN	
Art Unit	1883	
Examiner Name	Brian J. DAVIS	
Attorney Docket Number	A9536	

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	4	6300488		2001-10-09	SALK INST FOR BIOLOGICAL STUDIES	
	5	4954655		1990-09-04	ROHM and HAAS COMPANY	
	6	4985461		1991-01-15	ROHM and HAAS COMPANY	
	7	6013836		2000-01-11	ROHM and HAAS COMPANY	
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9	6245531		2001-06-12	BOARD TRUSTEES OF LELAND STANFORD UNIVERSITY	
10	6258603		2001-07-10	R0HM and HAAS COMPANY	
11	5424333		1995-06-13	R0HM and HAAS COMPANY	
12	5358966		1994-10-25	R0HM and HAAS COMPANY	
13	5075471		1991-12-24	R0HM and HAAS COMPANY	
14	4950666		1990-08-21	FMC Corporation	
15	4906280		1990-03-06	PENNWALT CORPORATION	
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	3	09100262	JP		1997-04-15	ROHM & HAAS CO		<input checked="" type="checkbox"/>
	4	08231528	JP		1996-10-09	NIPPON KAYAKU CO LTD & SANKYO CO LTD		<input checked="" type="checkbox"/>
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	6	06184076	JP		1994-07-05	NIPPON KAYAKU CO LTD & SANKYO CO LTD	ABSTRACT	<input type="checkbox"/>
	7	06172342	JP		1994-06-21	NIPPON KAYAKU CO LTD & SANKYO CO LTD		<input checked="" type="checkbox"/>
	8	05039252	JP		1993-02-19	NIPPON KAYAKU CO LTD		<input checked="" type="checkbox"/>

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9	04235177	JP		1992-08-24	NIPPON KAYAKU CO LTD	ABSTRACT	<input type="checkbox"/>
10	04089471	JP		1992-03-23	NIPPON KAYAKU CO LTD	ABSTRACT	<input type="checkbox"/>
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12	03141245	JP		1991-06-17	ISHIHARA SANGYO KAISHA LTD	ABSTRACT	<input type="checkbox"/>
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15	1313276	CN		2001-09-19		ABSTRACT	<input type="checkbox"/>
16	1245638	CN		2000-03-01		ABSTRACT	<input type="checkbox"/>
17	0228564	EP		1992-01-29			<input type="checkbox"/>
18	19837620	DE		1999-02-25	NOVARTIS AG	ABSTRACT	<input type="checkbox"/>
19	0639559	EP		1995-02-22	ROHM AND HAAS CO		<input type="checkbox"/>

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	20	2103110	CA		1994-05-24			<input type="checkbox"/>
	21	0496342	EP		1996-11-27			<input type="checkbox"/>
	22	0461809	EP		1994-12-07			<input type="checkbox"/>
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	24	2231268	GB		1990-11-14	ROHM AND HAAS CO		<input type="checkbox"/>
	25	0395581	EP		1990-10-31			<input type="checkbox"/>
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1 Nakagawa, Yoshiaki et al., Quantitative structure-activity studies of insect growth regulators. XI. Stimulation and inhibition of N-acetylglucosamine incorporation in a cultured integument system by substituted N-tert-butyl-N,N'-dibenzoylhydrazines. Pesticide Science (1995), 43(4), 339-45.

2 Nakagawa, Yoshiaki et al., Quantitative structure-activity relationships and designed synthesis of larvicidal N,N'-dibenzoyl-N-tert-butylhydrazines against Chila suppressalis. Pesticide Science (1995), 44(1), 102-5.

3 Le, D. P. et al., RH-2485 A new selective insecticide for caterpillar control. Brighton Crop Protection Conference--Pests and Diseases (1996), (Vol. 2), 481-486.

4 Carlson, Glenn R. et al., The chemical and biological properties of methoxyfenozide, a new insecticidal ecdysteroid agonist. Pest Management Science (2001), 57(2), 115-119.

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8	Nie, Kaisheng et al., New type of insect growth regulator-chromafenozide. Nongyao (2001), 40(2), 42-43.	<input type="checkbox"/>
9	Cao, S. et al., N'-tert-butyl-N'-aroyl-N-(alkoxycarbonylmethyl)-N-aroylhydrazines, a novel nonsteroidal ecdysone agonist: syntheses, insecticidal activity, conformational, and crystal structure analysis. Canadian Journal of Chemistry (2001), 79(3), 272-278.	<input type="checkbox"/>
10	Sawada, Yoshihiro et al., Synthesis and insecticidal activity of 3,5-dimethylbenzoyl moiety modified analogues of N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide. Nippon Noyaku Gakkaishi (2002), 27(4), 365-373.	<input type="checkbox"/>
11	Nakagawa, Yoshiaki et al., Quantitative structure-activity studies of insect growth regulators: XIX. Effects of substituents on the aromatic moiety of dibenzoylhydrazines on larvicidal activity against the beet armyworm Spodoptera exigua. Pest Management Science (2002), 58(2), 131-138.	<input type="checkbox"/>
12	No, D. et al., "Ecdysone-Inducible Gene Expression in Mammalian Cells and Transgenic Mice," Proc. Natl. Acad. Sci. USA, vol. 93, pp. 3346-3351, 1996.	<input type="checkbox"/>
13	Zou, Xia-Juan et al. Synthesis of N-benzoyl-N-tert-butyl-N'-[(1,4-dihydro-6-methyl-4-oxo-1-phenyl-3-pyridazinyl) carbonyl]hydrazines. Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (2003), 42B(10), 2608-2611.	<input type="checkbox"/>
14	Lynn M. RIDDIFORD et al., "Ecdysone Receptors and Their Biological Actions", Vitamins and Hormones, 2000, 60:1-73.	<input type="checkbox"/>
15	Karen S. CHRISTOPHERSON et al., "Ecdysteroid-dependent regulation of genes in mammalian cells by a Drosophila ecdysone receptor and chimeric transactivators", Proc. Natl. Acad. Sci. U.S.A., 1992, 89: 6314-6318.	<input type="checkbox"/>
16	Suhr et al., "High level transactivation by a modified Bombyx ecdysone receptor in mammalian cells without exogenous retinoid X receptor" PNAS,1998,95: 7999-8004	<input type="checkbox"/>
17	Kakizawa T et al., "Ligand-dependent Heterodimerization of Thyroid Hormone Receptor and Retinoid X Receptor" 1997, JBC, 272: 38; 23799-23804	<input type="checkbox"/>
18	Wing, Keith D. et al., RH 5849, a nonsteroidal ecdysone agonist: effects on a Drosophila cell line. Science (Washington, DC, United States) (1988), 241(4864), 467-9.	<input type="checkbox"/>

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19	Sawada, Yoshihiro et al., Synthesis and insecticidal activity of benzoheterocyclic analogues of N'-benzoyl-N-(tert-butyl)benzohydrazide: part 2. Introduction of substituents on the benzene rings of the benzoheterocycle moiety. Pest Management Science (2003), 59(1), 36-48.	<input type="checkbox"/>
20	Sawada, Yoshihiro et al., Synthesis and insecticidal activity of benzoheterocyclic analogues of N'-benzoyl-N-(tert-butyl)benzohydrazide. Part 3. Modification of N-tert-butylhydrazine moiety. Pest Management Science (2003), 59(1), 49-57.	<input type="checkbox"/>
21	Koelle MR et al., The Drosophila EcR gene encodes an ecdysone receptor, a new member of the steroid receptor superfamily, Cell, 1991, 67: 59-77	<input type="checkbox"/>
22	BELSHAW et al., Rational design of orthogonal receptor-ligand combinations. Angewandte Chemie, International Edition in English (1995), 34(19), 2129-32.	<input type="checkbox"/>
23	PIERCE et al., Computational binding studies of orthogonal cyclosporin-cyclophilin pairs. Angewandte Chemie, International Edition in English (1997), 36(13/14), 1466-1469.	<input type="checkbox"/>
24	PEET et al., Engineering Novel Specificities for Ligand-Activated Transcription in the nuclear Hormone Receptor RXR. Chemistry & Biology, 1998, 5, 1, 13-21.	<input type="checkbox"/>
25	HOLT et al., Functional Expression of Exogenous Proteins in Mammalian Sensory Hair Cells Infected with Adenoviral Vectors. J Neurophysiol. (1999), 81(4), 1881-8.	<input type="checkbox"/>
26	Sawada, Yoshihiro et al., Synthesis and insecticidal activity of benzoheterocyclic analogues of N'-benzoyl-N-(tert-butyl)benzohydrazide. Part 1. Design of benzoheterocyclic analogues. Pest Management Science (2003), 59(1), 25-35.	<input type="checkbox"/>
27	Hoppe et al., Adenovirus-Mediated Inducible Gene Expression in Vivo by a Hybrid Ecdysone Receptor. Molecular Therapy (2000) 1(2), 159-164.	<input type="checkbox"/>
28	Zhang, Xiangning et al., Study on synthesis and bioactivity of new diacylhydrazine IGR JS118. Nongyao (2003), 42(12), 18-20.	<input type="checkbox"/>

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CERTIFICATION STATEMENT

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☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Todd B. Buck/	Date (YYYY-MM-DD)	2007-06-14
Name/Print	Todd B. Buck	Registration Number	48,574

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